

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 94 | (optical near2 (device or apparatus or receiv\$3)) and (coupler with (light\$1guide or lightguide or wave\$1guide or waveguide or fiber)) and (phase near (shift\$3 or adjust\$4)) and (coherent adj detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L2 | 3 | (bias\$3 near electrode) same voltage same coupler same (power near2 (adjust\$4 or split\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L3 | 0 | (bias\$3 near2 electrode) same coupler same (((equal or even) near2 power) near2 (adjust\$4 or split\$4 or regulat\$3 or divid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L4 | 10 | (bias\$3 near2 electrode) same coupler same (power near2 (adjust\$4 or split\$4 or regulat\$3 or divid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L5 | 10 | ((bias\$3 or push\$1pull) near2 electrode) same coupler same (power near2 (adjust\$4 or split\$4 or regulat\$3 or divid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L6 | 1 | (push\$1pull adj electrode) same coupler | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L7 | 19 | (electrode) same voltage same coupler same (power near2 (adjust\$4 or split\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L8 | 34 | push\$1pull adj electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |

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| L9 | 113 | (electrode) same voltage same (coupler with adjust\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L10 | 7 | ((bias\$3 or push\$1pull) near2 electrode) same voltage same (coupler with adjust\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L11 | 68 | (electrode) same voltage same (coupler with (power or ratio) with (adjust\$4 or split\$4 or regulat\$3 or divid\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L12 | 3 | schlaak.in. and coupler and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L13 | 17 | ((mach\$1zender or mach\$1zehnder or (mach adj zender) or (mach adj zehnder)) near modulator) same (electrode with (dc near2 bias)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L14 | 57 | ((mach\$1zender or mach\$1zehnder or (mach adj zender) or (mach adj zehnder)) near modulator) same (beamsplitter or split\$4 or divid\$3) same (recombin\$3 or combin\$3) same ((phase adj shift\$3) or phase\$1shift\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L15 | 3 | ((mach\$1zender or mach\$1zehnder or (mach adj zender) or (mach adj zehnder)) near modulator) same (beamsplitter or split\$4 or divid\$3) same (recombin\$3 or combin\$3) same ((phase adj shift\$3) or phase\$1shift\$3) and (rf adj (signal or voltage)) and (dc adj (bias or voltage)) and (push\$1pull or (push adj pull)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L16 | 11 | (advantage or benefit or improv\$5) with ((push\$1pull or (push adj pull)) near2 (modulator)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L17 | 4 | ((splitter and combiner) near2 (adjust\$4)) with (modulator or transmitter or system) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |

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| L18 | 2 | ((splitter and combiner) near (adjust\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L19 | 29 | ((splitter and combiner) near2 (adjust\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L20 | 235 | ((mach\$1zender or mach\$1zehnder or (mach adj zender) or (mach adj zehnder)) near (modulator or device)) same (beamsplitter or split\$4 or divid\$3) same (recombin\$3 or combin\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L21 | 260 | ((mach\$1zender or mach\$1zehnder or (mach adj zender) or (mach adj zehnder)) near (modulator or device or interferometer)) same (beamsplitter or split\$4 or divid\$3) same (recombin\$3 or combin\$3) and transmitter | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L22 | 3 | ((four or fourth) near ((mach\$1zender or mach\$1zehnder or (mach adj zender) or (mach adj zehnder)) near (modulator or device or interferometer))) same (beamsplitter or split\$4 or divid\$3) same (recombin\$3 or combin\$3) and transmitter | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L23 | 131 | ((four or fourth or plurality or multiple) adj ((mach\$1zender or mach\$1zehnder or (mach adj zender) or (mach adj zehnder) or "mz") near (modulator or device or interferometer))) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 18:48 |
| L24 | 2 | voltage with (phase adj shift\$3) with (in\$1phase and in\$1quadrature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L25 | 4 | (phase adj shifter) with (in\$1phase and in\$1quadrature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L26 | 4 | ((phase adj shifter) or phase\$1shifter) with (in\$1phase and in\$1quadrature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |

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| L27 | 1 | ((phase adj shifter) or phase\$1shifter) near2 voltage same (in\$1phase and in\$1quadrature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L28 | 1 | ((phase adj shifter) or phase\$1shifter) with voltage same (in\$1phase and in\$1quadrature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L29 | 369 | voltage with ((phase adj shifter) or phase\$1shifter) with (quadrature or in\$1quadrature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L30 | 13 | voltage with ((phase adj shifter) or phase\$1shifter) with (quadrature or in\$1quadrature) and (feedback near loop) and (error adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L31 | 179 | (optical near2 (device or apparatus or receiv\$3)) and (coupler with (light\$1guide or lightguide or wave\$1guide or waveguide or fiber)) and ((phase near (shift\$3 or adjust\$4)) with (quadrature or in\$1quadrature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L32 | 58 | (optical near2 (device or apparatus or receiv\$3)) and (coupler with (light\$1guide or lightguide or wave\$1guide or waveguide or fiber)) and ((phase near (shift\$3 or adjust\$4)) with (quadrature or in\$1quadrature)) and feedback and (error adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L33 | 7 | (optical near2 (device or apparatus or receiv\$3)) and (coupler with (light\$1guide or lightguide or wave\$1guide or waveguide or fiber)) and ((phase near (shift\$3 or adjust\$4)) with (quadrature or in\$1quadrature)) and feedback and ((error adj signal) with (quadrature or in\$1quadrature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |

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| L34 | 3 | (optical near2 (device or apparatus or receiv\$3)) and (converter with bandwidth with ((process\$3 or averag\$3) near data)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L35 | 92 | (converter same bandwidth same rate same ((process\$3 or averag\$3) near data)) same digital\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L36 | 7 | ("3-db" or "3 db" or "3db") near (splitter and combiner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L37 | 1 | ((phase\$1shifter or (phase adj shifter)) with (bias near2 electrode)) same (push\$1pull or (push adj pull)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L38 | 25 | ((phase\$1shifter or (phase adj shifter)) with (electrode)) same (push\$1pull or (push adj pull)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L39 | 0 | ((phase\$1shifter or (phase adj shifter)) with adjust\$3 with (electrode)) same (push\$1pull or (push adj pull)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L40 | 76 | ((phase\$1shifter or (phase adj shifter)) with adjust\$3 with (electrode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L41 | 35 | ((phase\$1shifter or (phase adj shifter)) near2 adjust\$3 with (electrode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |

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| L42 | 20 | ((phase\$1shifter or (phase adj shifter)) near adjust\$3 with (electrode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L43 | 0 | ((advantage or benefit) near2 (push\$1pull)) with (phase\$1shifter or (phase adj shifter)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L44 | 4 | ((advantage or benefit) near2 (push\$1pull)) same (phase\$1shifter or (phase adj shifter)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L45 | 2 | "5347601".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:48 |
| L46 | 120 | (L1 or L2 or L3 or L4 or L5 or L6 or L7 or L8 or L10 or L9 or L11 or L12 or L13 or L14 or L15 or L16 or L17 or L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32 or L33 or L34 or L35 or L36 or L37 or L38 or L39 or L40 or L41 or L42 or L43 or L44 or L45) and @pd>"20060113" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 18:54 |
| L50 | 0 | ((quadrature near2 signal) and (phase adj shift\$3) and (photodiode or photo\$1diode) and input and output and phase and (waveguide or wave\$1guide)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/28 19:17 |